

# EPSON Stylus® Pro 7000 Series Print Engine



With the right camera, the right lens, the right light, and the right timing, you can capture remarkable images that make a lasting impression, whatever your subject may be. Using the wide-format EPSON Stylus Pro 7000 Series, you can transform those images into breathtaking large-size photographic prints.

With its remarkable speed and incredibly durable print engine, the EPSON Stylus Pro 7000 Series provides a set of tools that, whether you need to print proofs, portraits or landscape images, can help make an unforgettable impact. Impress your clients with spectacular prints that they will be proud to display. Whatever you photograph, shouldn't you be printing all those treasured images on the most powerful wide-format color printing system available?

## Micro Piezo™ DX3™ print head for astounding image quality



- 1440 x 720 dpi for unsurpassed image quality, including text and line-art rivalling high resolution laser devices
- Photographic image quality created by an innovative 6-color inking system
- Proprietary hardware technology that ensures consistent printing over time from print-to-print and printer-to-printer

## Individual High-Capacity Ink System

- Six 110 ml ink cartridges ensure complete overnight unattended operation
- Automatic ink level detection for all six individual ink cartridges facilitate accurate production estimates and ease of maintenance
- On-the-fly ink cartridge changing even during the middle of a print job with no loss in image quality

## Breakthrough EPSON Archival™ Ink technology<sup>b</sup>

- Available only with the EPSON Stylus Pro 7500
- Produces photographic prints that will last up to 200 years
- Color performance that rivals the EPSON Stylus Pro 7000
- Instant drying and water resistant ink; waterproof on some media
- Supports a wide range of media including glossy, semi-gloss, and matte photographic papers, backlight film, 1.5 mm cardboard, canvas, Tyvek®, vinyl, and various watercolor papers

## Flexible media support

- Handles both roll and manual cut sheet media up to 24" wide in a variety of weights up to 1.5 mm thick
- Handles Epson's complete line of professional media, as well as many third-party medias

## True production quality print speeds<sup>a</sup>

- Prints approximately 22 square feet-per-hour in truly photographic modes, with output that rivals that of more expensive, continuous flow ink jet printers
- Prints up to 66 square feet-per-hour in draft mode, with output that rivals the best quality printing of most thermal ink jet printers
- Prints better quality output at approximately 27 square-feet-per-hour than direct competitors can produce in any print mode

<sup>a</sup> Based upon print engine speed only. Total throughput times depend upon front end RIP, file size, printer resolution, ink coverage, networking, etc.

<sup>b</sup> Depending upon media type and display conditions, laboratory testing has proven lightfastness up to 200 years.



EPSON Stylus Pro 7000 model shown with optional printer stand.



# EPSON Professional Quality Media

Epson's professional line of media delivers optimum output from the EPSON Stylus Pro 7000 Series. Specially coated for superior image quality and durability, our media yields amazing results.

Using the EPSON Stylus Pro 7000 and our standard dye-based inks, you can create prints that far exceed your expectations. When used with the EPSON Stylus Pro 7500 and our revolutionary EPSON Archival Ink, this outstanding media produces long-lasting photographic prints for exceptional outdoor or indoor signage.

In addition to Epson media, the EPSON Stylus Pro 7000 Series prints beautifully on a wide range of third-party products such as watercolor media and canvas. EPSON Archival Ink prints long-lasting images on glossy, semi-gloss, and matte photographic papers, backlight film, 1.2 mm cardboard, Tyvek and vinyl as well. At Epson, we strive to bring you the widest selection of media possible for all your 24" wide-format printing needs.

## EPSON Stylus Pro 7000

Using standard dye-based ink from Epson.

### Photo Glossy Paper

24" x 100' roll SP91021  
A durable high glossy paper on a 7 mil RC base. Use when the highest color saturation and output quality are needed. Prints great at either 720 or 1440 dpi. Can be laminated with a UV film to increase lightfast protection.

### Semi Gloss Paper - Heavyweight

24" x 82' roll SP91292  
An 8 mil coated heavyweight paper with a semi-glossy surface for 720 and 1440 dpi printing. Can be used for high color images when a glossy surface is not needed. Can be laminated to increase UV protection.

### Glossy Paper - Heavyweight

24" x 65.5' roll SP91291  
An 8.5 mil coated heavyweight glossy paper. Can be printed up to 1440 dpi. Can be laminated to increase UV protection.

### Presentation Matte Paper

24" x 82' roll SP91295  
A 170 g/m<sup>2</sup> coated paper for use in high-resolution printing at 720 and 1440 dpi. Great for comping and business presentations.

### Backlight Film

24" x 100' roll SP91023  
A 5 mil reverse print instant drying backlight film suitable for displays. The reverse printing feature protects the display surface from moisture and dirt, eliminating the need for lamination. Capable of 360 and 720 dpi printing.

### Posterboard — Semi-Gloss

20.25" x 28.7" (10 sheets/box) SP91236  
A 1.2 mm thick coated board allows for high resolution printing without mounting. Great for display and courtroom graphics.

### Photo Semigloss Paper

24" x 100' roll SP91022

### DuPont / EPSON Commercial Matte Proofing Paper<sup>c</sup>

24" x 50' roll  
A 217.8 g/m<sup>2</sup> professional paper designed to simulate the commercial printing press environment. Ideal for large format pre-film proofing and content proofing.

<sup>c</sup>Please visit [www.dupont.com](http://www.dupont.com) for availability

## EPSON Stylus Pro 7500

Using EPSON Archival Ink.

(Available only with the EPSON Stylus Pro 7500.)

### Photo Glossy Paper

24" x 100' roll SP991021

A durable high glossy paper on a 7 mil RC base. Use when the highest color saturation and output quality are needed. Prints great at either 720 or 1440 dpi. Can be laminated with a UV film to increase lightfast protection.

### Photo Semigloss Paper

24" x 100' roll SP91022

### Glossy Paper - Photo Weight

22" x 65' roll S041388

A 215 g semi-gloss paper ideal for proofing and indoor signage. Its high color gamut yield prints more saturated than from a dye inkset.

### Premium Luster Photo Paper

24" x 82' roll S041461

A 10 mil photographic stock with a Luster "E" surface on an RC base. Ideal for portraits.

### Doubleweight Matte Paper

24" x 82' roll S041385

A 180 g (48 lb.) Flat Matte paper for everyday printing. Easily laminated for increased durability.

### EPSON Smooth Fine Art Paper by Crane

24" x 30" (10 sheets) S041434

24" x 50' roll S041431

Acid free, 100% cotton paper. The smooth textured surface is a favorite of photographers.

### EPSON Textured Fine Art Paper by Crane

24" x 30" (10 sheets) S041450

Acid free, 100% cotton paper. The textured surface is a favorite of fine artists looking for a cold press look.

### Adhesive Vinyl<sup>D</sup>

24" x 40' roll S041436

### Synthetic Paper

24" x 147' roll S041399

### Adhesive Synthetic Paper

24" x 100' roll S041402

### Backlit Film for Archival Ink<sup>D</sup>

24" x 65' roll  
A 5 mil reverse print backlight film that can be displayed outdoors.

### Canvas<sup>D</sup>

24" x 65' roll  
A 20 pound 100% cotton canvas with a matte surface. This white canvas will be a favorite for photographers.

### Translight<sup>D</sup>

24" x 65' roll

### Tyvek<sup>D</sup>

24" x 65' roll  
A durable Tyvek for banners and signage.

### Scrimm Vinyl<sup>D</sup>

24" x 65' roll

<sup>D</sup> EPSON Stylus Pro 7500 media coming early 2001

# EPSON Stylus Pro 7000 Series Print Engine Specifications

## Printing Method

Micro Piezo DX3 drop-on-demand ink jet  
6-color ink system including Cyan, Magenta, Yellow, Light Cyan,  
Light Magenta, and Black

## Nozzle Configuration

Monochrome head: 64 nozzles (K)  
Color head: 64 nozzles x 5 (CcMmY)

## Resolution

1440 x 720 dpi; 720 x 720 dpi; 720 x 360 dpi; 360 x 360 dpi

## Print Engine Speed<sup>‡</sup>

Resolution	sq-ft/hr	Quality Level
360 x 360 dpi	66	Rivals competitors' best
720 x 360 dpi	44	Better than competitors' best
720 x 720 dpi	22	Astonishing photographic quality
1440 x 720 dpi	12	Rivals chemistry based photography

## Acoustic Noise Level

Approximately 50 dB(A) according to ISO 7779

## Printer Language

True Adobe® PostScript® 3 with optional EPSON RS-5100 Fiery X2 RIP

Macintosh® OS 7.6.1 (USB: 8.5.1) or later QuickDraw® Drivers standard  
Windows® 95/98/2000/NT 4.0 Raster Drivers standard

## Printer Interfaces

Standard USB, Parallel (IEEE-1284 ECP Mode), and Epson Expansion Slot  
Optional 10/100 BaseT or FireWire® (IEEE-1394) expansion cards

Optional EPSON RS-5100 Fiery X2 RIP connects to print engine through  
Parallel Port. See RS-5100 Specification Sheet for connectivity options.

## Dimensions

Printer only: 43.31" (W) x 22.52" (D) x 22.04" (H)  
Printer stand only: 33.74" (W) x 30.79" (D) x 25.20" (H)

## Printer Weight

Printer only: 95.7 lb  
Printer and stand: 121.44 lb

## Printable Area

Maximum paper width: 24.02"  
Left and right print margins: 3 mm each (0.24" total)  
Maximum printable width: 23.78"  
Maximum printable length: Up to 100 feet  
(limited by software application)

## Media Handling

Media input: Roll Feed or Cut Sheet up to 24" wide  
Cut sheet size: Up to 24" wide media  
Max. media diameter: Up to 4"  
Media core compatibility: Handles both 2" and 3" cored media  
Weight: 12 lb bond up to 1.5 mm cardboard  
Media path: Straight-through (no bend)  
Media cutter: Built-in, automatic or manual cutting

YOU'VE GOT TO SEE IT IN

**EPSON** COLOR.™

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Epson Canada, Ltd.: 550 McNicoll, Willowdale, Ontario M2H 2E1

Epson Latin America: 6303 Blue Lagoon Drive, Miami, FL 33126

Internet Website: [www.graphics.epson.com](http://www.graphics.epson.com).

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## Ink Cartridge

Ink cartridge capacity: 110 ml each x 6 colors total  
Ink cartridge shelf life: 2 years from printed production date

## EPSON Ink Technology

EPSON Stylus Pro 7000  
EPSON Stylus Pro 7500  
Standard Ink (dye based)  
EPSON Archival Ink (pigment based)

## Environmental Characteristics

Temperature operating: 50° to 95° F (10° to 35° C)  
Storage: 4° to 140° F (-20° to 40° C)  
Humidity operating: 20 to 80% relative humidity  
Storage: 5 to 85% relative humidity  
(no condensation)

## Safety Approval

Safety standards: UL1950 with D3, CSA 22.2 No. 950  
EMI: FCC Part 15 subpart B class B,  
CSA C108.8 class B

## Engine Reliability

Total print volume: 20,000 pages (A1)  
Print head life: 2 billion dots/nozzle  
Cutter life: 2000 times (A1)  
Maintenance parts: Ink pad, pump unit, flushing box, head  
cleaner, cap assembly

## Electrical Requirements

Voltage: 120 V  
Frequency: 50 to 60 Hz  
Current: 1.0A  
Power consumption: Approx. 100W (operating)  
30W (Standby) Energy Star compliant

## Product/Accessories Part Numbers

EPSON Stylus Pro 7000 Fiery X2 Printing System	C299011S
EPSON Stylus Pro 7000 Print Engine Only	C299011B
EPSON Stylus Pro 7000 Printer Stand	C844023
EPSON Stylus Pro 7500 Fiery X2 Printing System	C382011S
EPSON Stylus Pro 7500 Print Engine Only	C382011B
EPSON Stylus Pro 7500 Printer Stand	C844024
EPSON RS-5100 Fiery X2 RIP for EPSON Stylus Pro 7000	C850122
EPSON RS-5100 Fiery X2 RIP for EPSON Stylus Pro 7000	C850152
EPSON Color Calibrator System	C850081
Internal IEEE-1394 FireWire Type-B Card	C823722
Internal 10/100 BaseT Type-B Card	C823632A
Paper Roller Spindle — 2"	C811092
Paper Roller Spindle (High Tension) — 2"	C811093
Paper Roller Spindle (High Tension) — 3"	C811103
Replacement Media Cutter Blade	C815131
<b>EPSON Ink Technology (Standard/Archival)</b>	<b>SP 7000</b> <b>SP 7500</b>
Cyan ink cartridge	T463011 T483011
Light Cyan ink cartridge	T465011 T485011
Magenta ink cartridge	T462011 T482011
Light Magenta ink cartridge	T464011 T484011
Yellow ink cartridge	T461011 T481011
Black ink cartridge	T460011 T480011

<sup>‡</sup> Based upon print engine speed only. Total throughput times depend upon front end RIP, file size, printer resolution, ink coverage, networking, etc.

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Printed on Recycled Paper